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Total Number of Pages in This Submission

1

Application Number

10/777,609

Filing Date

February 12, 2004

First Named Inventor

Robert Harold Bateman

Art Unit

2881

Examiner Name

Paul M. Gurzo

Attorney Docket Number

04-MM-07 (85.66.83376/001)

### ENCLOSURES (Check all that apply)

<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Terminal Disclaimer	<input checked="" type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Information Disclosure Statement	<input type="checkbox"/> CD, Number of CD(s) _____	X Prepaid Return Postcard
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<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<div>Remarks</div> Customer No. 43840	
<input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53		

### SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm Name	WATERS CORPORATION		
Signature	<i>[Handwritten Signature]</i>		
Printed name	Jamie H. Rose		
Date	October 11, 2005	Reg. No.	45,054

### CERTIFICATE OF TRANSMISSION/MAILING

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Signature	<i>[Handwritten Signature]</i>		
Typed or printed name	Jamie H. Rose	Date	October 11, 2005

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

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Attorney Docket No. 04-MM-07 (85.66.83376/001)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

APPLICANT(S): Bateman et al. CONFIRMATION NO.: 4626  
SERIAL NO.: 10/777,609 GROUP NO.: 2881  
FILING DATE: February 12, 2004 EXAMINER: Paul M. Gurzo  
TITLE: Ion Detector

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**RESPONSE TO REQUIREMENT OF RESTRICTION**

Sir:

In response to the Office action mailed from the U.S. Patent Office on September 8, 2005, Applicants submit this Response.


Claims 1-103, of which claims 1 and 102 are independent, are pending in the application. The Office action requires election of a single one of the following identified species: Group I drawn to Figure 2; Group 2 drawn to Figure 4; Group 3 drawn to Figure 5; Group 4 drawn to Figure 6; Group 5 drawn to Figure 7; Group 6 drawn to Figure 8; Group 7 drawn to Figures 9A and 9B; Group 8 drawn to Figures 10A and 10B; Group 9 drawn to Figures 11A and 11B; Group 10 drawn to Figure 12; Group 11 drawn to Figures 13A and 13B; and Group 12 drawn to Figures 14A and 14B.

Applicants elect, with traverse, Group I drawn to Figure 2. It appears that at least claims 1-30, 34-52, 70, 72-75, 84-93, and 96-103 are readable on Group I.

Applicants respectfully request consideration of all pending claims, with claims 1-30, 34-52, 70, 72-75, 84-93, and 96-103 proceeding to allowance. Applicants believe that no fees are due with this Response, however, the Commissioner is hereby authorized to charge any required fees to Deposit Account No. 23-0503.

Date: October 10, 2005  
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Respectfully submitted,

  
Jamie H. Rose  
Attorney for Applicants